

FIG. 1

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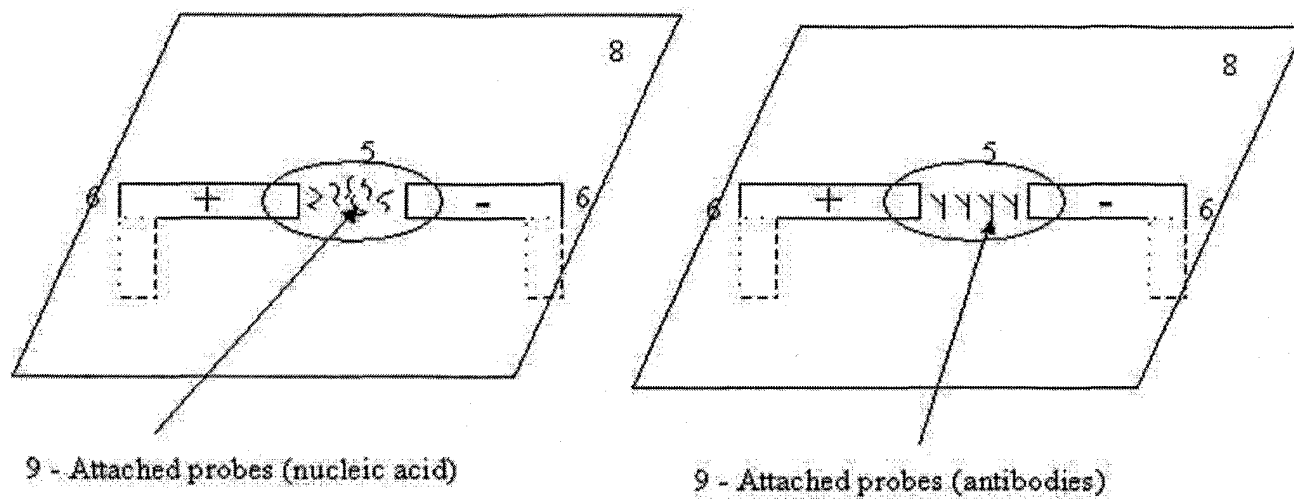
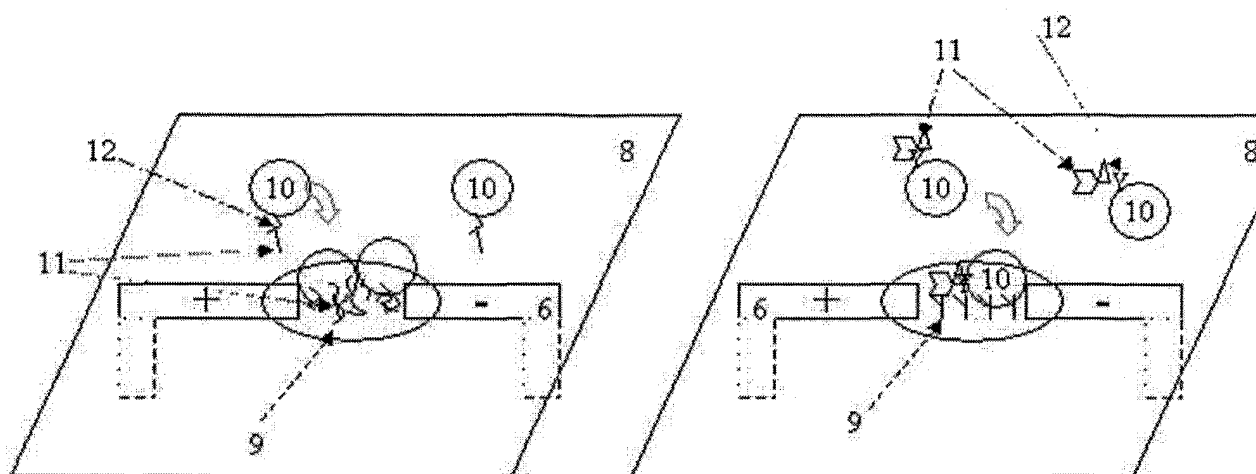


FIG. 2



11 \ Target nucleic acid

11  $\Sigma^A$  Target analyte, with two epitopes

10 Iron bead linked to second probe (nuclei acid) 12

10  $\Sigma^A$  Iron bead linked to second probe (antibody) 12

9  $\Sigma^A$  Well-bound first probe (nucleic acid)

9  $\Sigma^A$  Well-bound first probe (antibody)

FIG. 3

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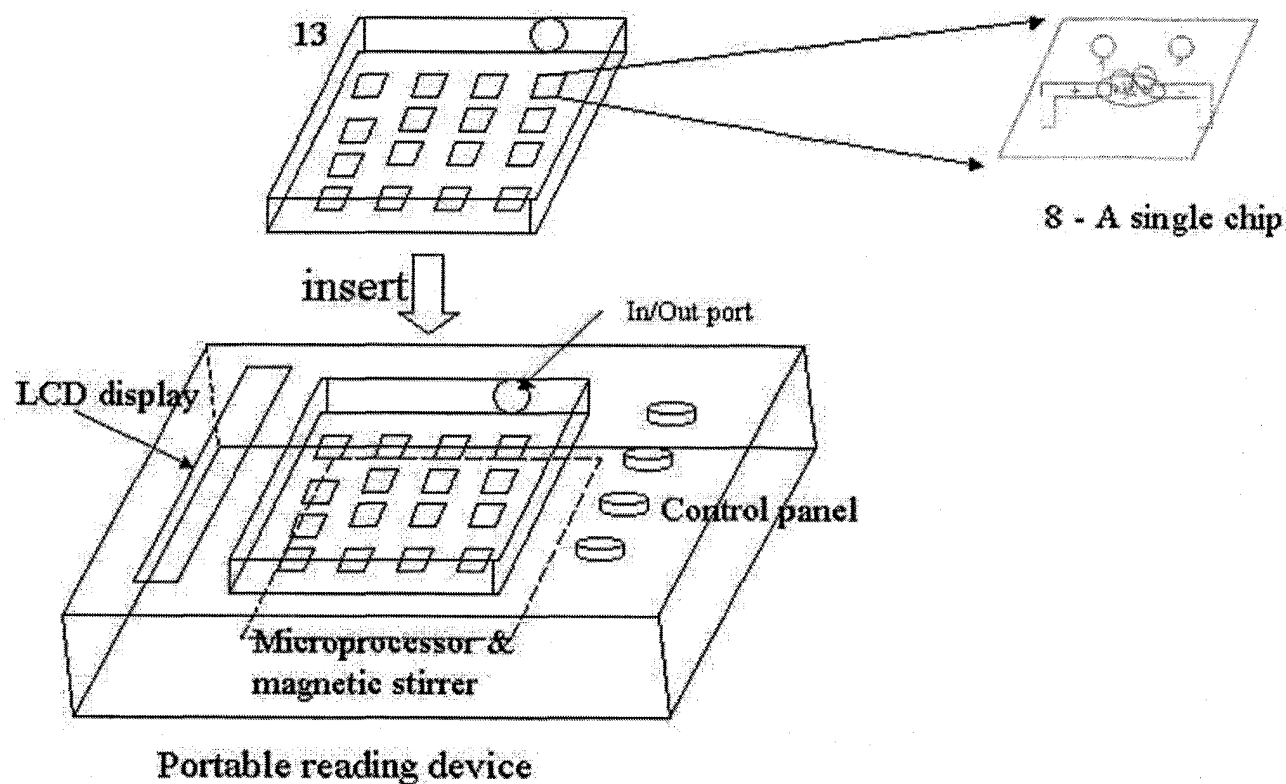
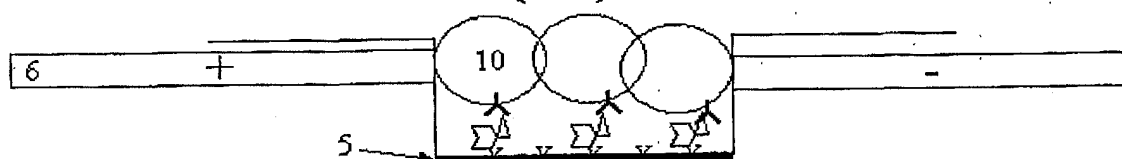


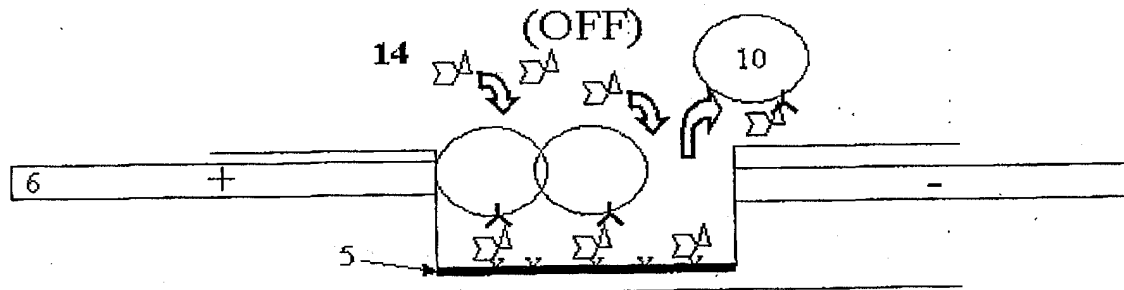
FIG. 4

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Before  
(ON)

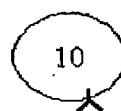


After  
(OFF)



△ Analyte (11)

—v— "well"-bound probe (9)



10 Iron bead-bound probe (12)

FIG. 5

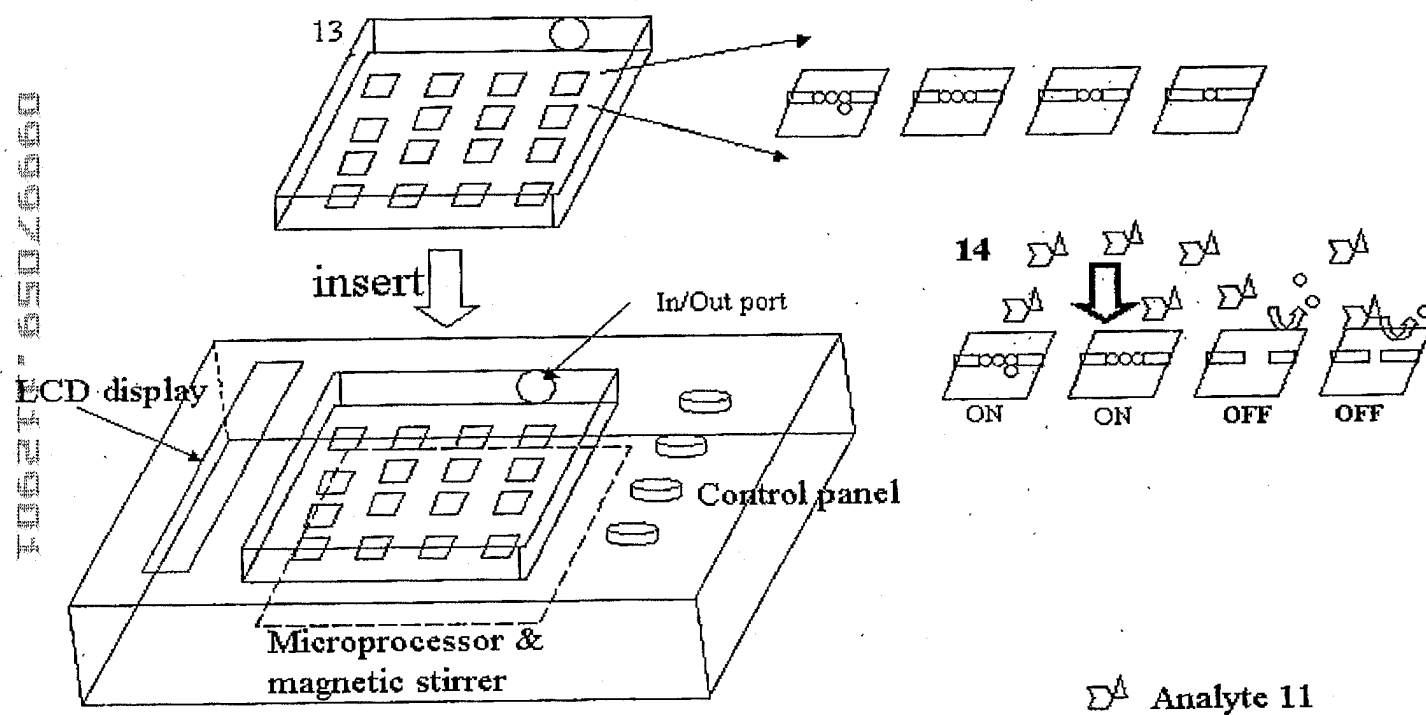


Fig. 6

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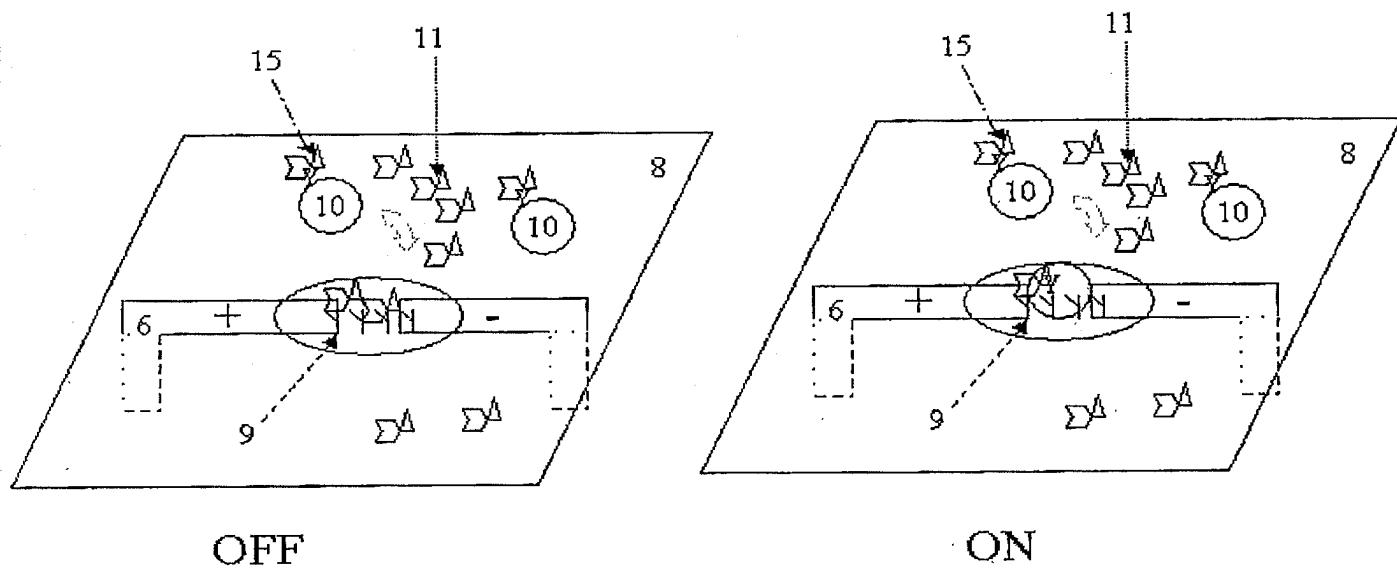


Fig. 7

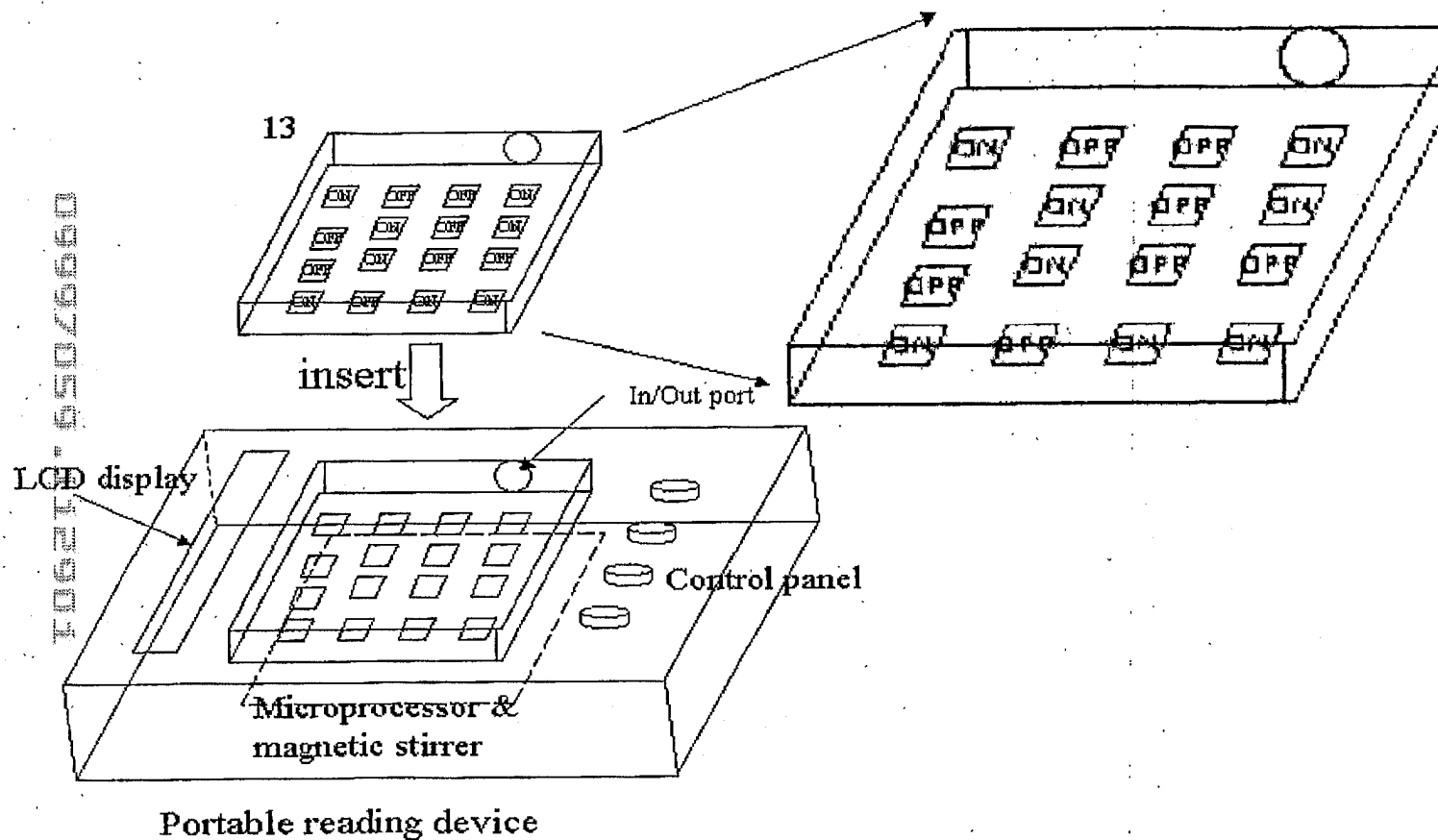


Fig. 8



17 5' CTGGAAGGA 3'

18 5' GGTGGCGGCTGTTGCTGCTGCTG 3'

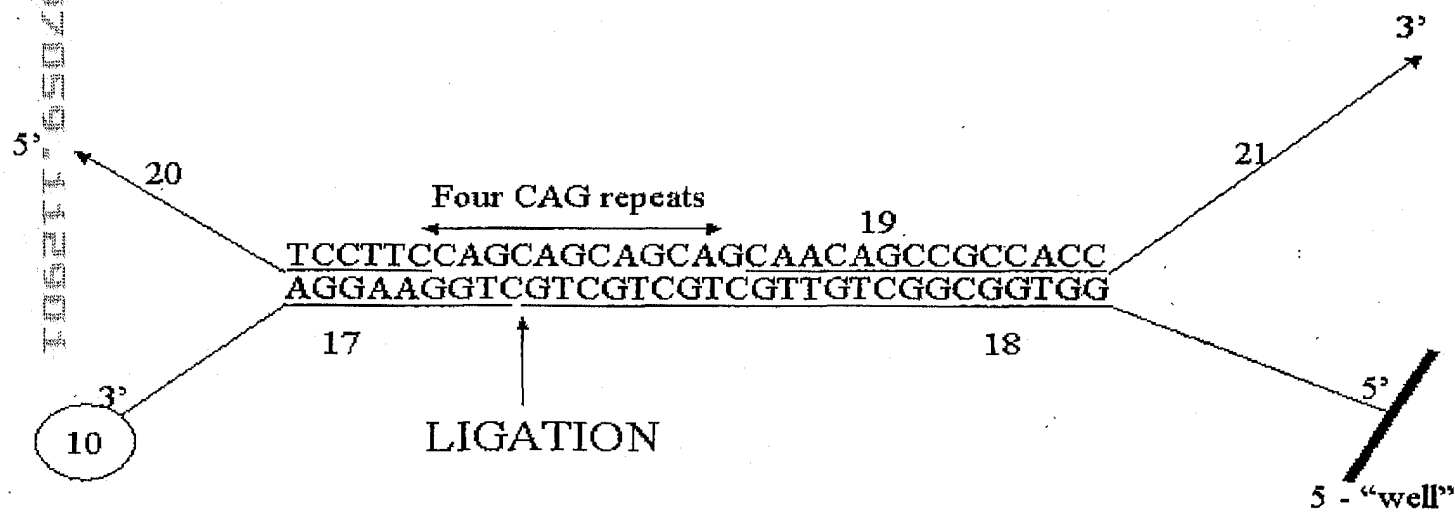


Fig. 9

22 5' GGTGGCGGCTGTTGCTGCTG 3'

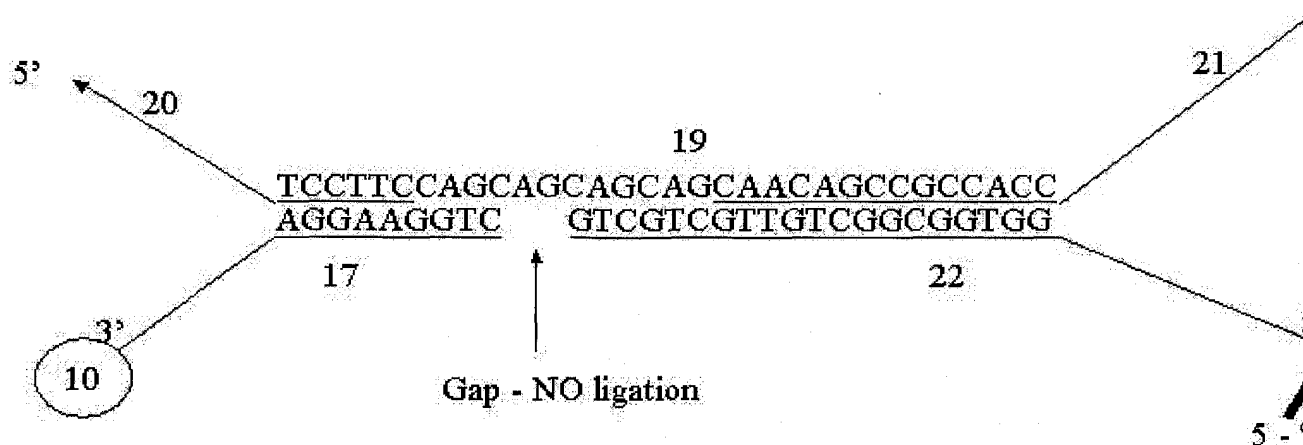


Fig. 10

23 5' GGTGGCGGCTGTTGCTGCTGCTGCTGCTG 3'

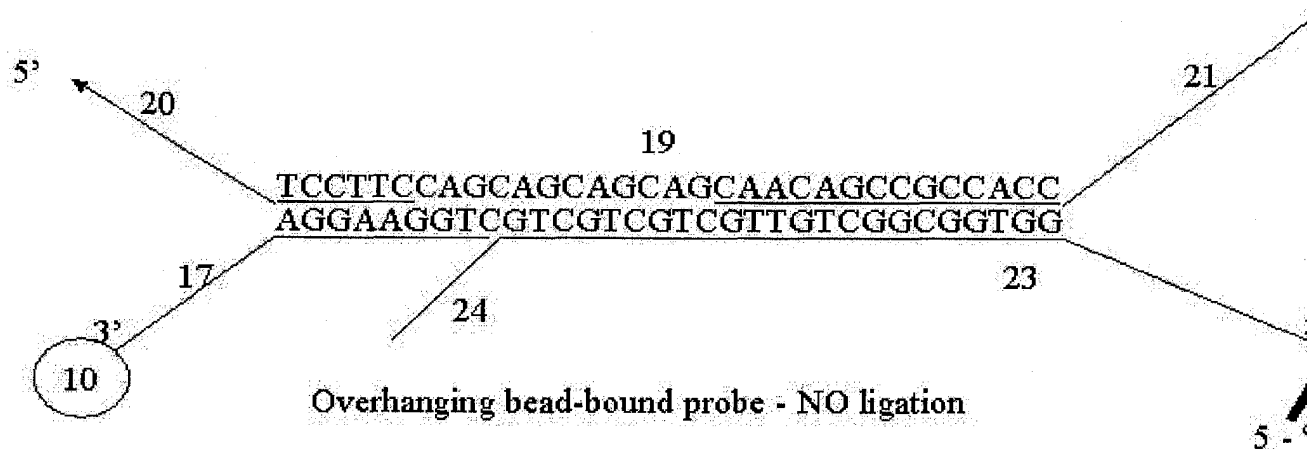


Fig. 11

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